

Supplemental Material

Chronic Exposure to Fine Particles and Mortality: An Extended Follow-Up of the Harvard Six Cities Study from 1974 to 2009

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Cause of death	PM _{2.5} moving average (years)	Cox regression ^a		Poisson regression ^b	
		Rate Ratio (95%CI)	AIC	Rate Ratio (95%CI)	AIC
All-cause	1	1.15 (1.06-1.24)	31161.772	1.14 (1.05-1.23)	42347.57
	1-2	1.15 (1.06-1.23)	31161.996	1.13 (1.05-1.22)	42347.94
	1-3	1.14 (1.06-1.23)	31161.907	1.13 (1.05-1.21)	42347.92
	1-4	1.13 (1.05-1.21)	31162.989	1.12 (1.04-1.20)	42348.95
	1-5	1.13 (1.05-1.21)	31162.675	1.12 (1.04-1.20)	42348.74
Cardio-vascular	1	1.32 (1.17-1.48)	12369.478	1.31 (1.17-1.47)	19739.23
	1-2	1.31 (1.17-1.47)	12369.591	1.31 (1.17-1.46)	19739.20
	1-3	1.30 (1.16-1.45)	12369.546	1.30 (1.16-1.45)	19739.16
	1-4	1.29 (1.15-1.43)	12370.363	1.28 (1.15-1.43)	19740.06
	1-5	1.28 (1.15-1.42)	12370.088	1.27 (1.15-1.41)	19739.84
Lung cancer	1	1.28 (0.97-1.69)	2229.420	1.38 (1.06-1.80)	4751.03
	1-2	1.29 (0.98-1.70)	2229.091	1.40 (1.07-1.82)	4750.41
	1-3	1.29 (0.99-1.69)	2229.013	1.39 (1.07-1.80)	4750.51
	1-4	1.26 (0.97-1.64)	2229.490	1.35 (1.05-1.74)	4751.18
	1-5	1.24 (0.96-1.61)	2229.696	1.33 (1.03-1.70)	4751.61
COPD	1	1.18 (0.83-1.67)	1568.151	1.12 (0.81-1.56)	3600.23
	1-2	1.18 (0.84-1.68)	1568.122	1.13 (0.81-1.58)	3600.20
	1-3	1.16 (0.83-1.64)	1568.248	1.11 (0.80-1.54)	3600.32
	1-4	1.17 (0.84-1.63)	1568.166	1.11 (0.81-1.53)	3600.28
	1-5	1.17 (0.85-1.62)	1568.105	1.11 (0.81-1.51)	3600.29

AIC: Akaike Information Criterion

Results in bold are those with the lowest AIC value.

^a Cox proportional hazard model stratified by sex, age, and time in the study and adjusted for body mass index, education, and smoking history

^b Poisson survival analysis adjusted for sex, age, body mass index, education, smoking history, and time in the study (dummy variables for each year)

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